

What is claimed is:

1. A wireless networking system, comprising:  
a weatherproof housing, wherein the housing encloses:  
a radio transceiver module,  
a network router, coupled to the radio transceiver module, and  
an encryption module, coupled to the network router; and  
a securing device connected to the weatherproof housing.
2. The wireless networking system of claim 1, wherein the securing device comprises a tripod stand.
3. The wireless networking system of claim 2, wherein each leg of the tripod stand is independently adjustable in length.
4. The wireless networking system of claim 1, further comprising a first antenna, coupled to the radio transceiver module, for receiving and transmitting Internet protocol data.
5. The wireless networking system of claim 4, further comprising a second antenna, coupled to the radio transceiver module, for receiving and transmitting Internet protocol data.
6. The wireless networking system of claim 5, wherein the first antenna is configured to operate as a wireless access point and the second antenna is configured to operate as an endpoint of a wireless bridge.
7. The wireless networking system of claim 5, wherein the second antenna comprises a satellite uplink.
8. The wireless networking system of claim 7, wherein the first antenna is configured to operate as a wireless access point.
9. The wireless networking system of claim 1, further comprising a power source.
10. The wireless networking system of claim 9, wherein the power source comprises a UPS, and is connected to a generator, external to the weatherproof housing.

11. The wireless networking system of claim 9, wherein the power source comprises a UPS, and is connected to a solar panel, external to the weatherproof housing.
12. The wireless networking system of claim 1, further comprising:  
a camera; and  
a video server, coupled to the camera, for translation of video received through the camera to Internet protocol data, and for communicating the translated video IP data to the network router.
13. The wireless networking system of claim 1, wherein the encryption module is certified for NSA certified encryption for classified secret communication.
14. The wireless networking system of claim 1, wherein the encryption module is certified for NIST 140 certified encryption.
15. The wireless networking system of claim 1, wherein the network router and the radio transceiver module are physically located within one device.
16. The wireless networking system of claim 1, wherein the securing device couples the weatherproof housing to a vehicle.
17. The wireless networking system of claim 16, wherein the securing device attaches to a preexisting opening in the vehicle.
18. The wireless networking system of claim 16, further comprising a power source, wherein the power source comprises a UPS, and is connected to a battery of the vehicle, external to the weatherproof housing.
19. The wireless networking system of claim 1, wherein the network router is coupled to a wired network connection.
20. The wireless networking system of claim 1, wherein the network router and the encryption module are physically located within one device.

21. A wireless networking apparatus, comprising:
- a weatherproof housing, wherein the housing encloses:
    - a radio transceiver module comprising first and second radio transceivers for communicating IP data,
    - a network router, coupled to the radio transceiver module, for routing the IP data,
    - an encryption module for encrypting/decrypting the IP data, and
    - a UPS for powering the radio transceiver module, network router, and the encryption module;
  - a tripod stand coupled to the weatherproof housing; and
  - first and second antennas for receiving and transmitting Internet protocol data coupled to the first and second radio transceivers, respectively,
  - wherein the encryption module is certified for NSA certified encryption for classified secret communication,
  - wherein the first transceiver and first antenna are configured to provide wireless access point services.
22. A wireless networking apparatus, comprising:
- a weatherproof housing, wherein the housing encloses:
    - a radio transceiver module comprising first and second radio transceivers for communicating IP data,
    - a network router, coupled to the radio transceiver module, for routing the IP data,
    - an encryption module for encrypting/decrypting the IP data, and
    - a UPS for powering the radio transceiver module, network router, and the encryption module;
  - a securing device, connected to the weatherproof housing, that couples the weatherproof housing to a vehicle; and
  - first and second antennas for receiving and transmitting Internet protocol data coupled to the first and second radio transceivers, respectively,
  - wherein the encryption module is certified for NSA certified encryption for classified secret communication,

wherein the first transceiver and first antenna are configured to provide wireless access point services.